

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kyu-hee HAN, et al.

Application No.: TBA

Group Art Unit: TBA

Filed: March 17, 2004

Examiner: TBA

For: GAS SUPPLYING APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☒ English language translation (complete or relevant portion(s)) attached to some of the non-English language publications.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.

2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
- 2b. ☐ set forth in the application.

- 2c. ☒ satisfied because an English language translation (abstract only) is attached to some of the non-English language publications.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: _____

3/17/04

By: _____



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| FORM PTO-1449 <div style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</div> <div style="text-align: center;">LIST OF REFERENCES CITED BY APPLICANT</div> <div style="text-align: center;"><i>(Use several sheets if necessary)</i></div> | ATTORNEY DOCKET NO. 1572.1212 | APPLICATION NO. TBA |
| FIRST NAMED INVENTOR Kyu-hee HAN, et al. | | |
| FILING DATE March 17, 2004 | | GROUP ART UNIT TBA |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|------------------|--------------|----------|------------------|-------|-----------|-------------|
| AA | 6,143,078 | 11/07/00 | Ishikawa et al. | | | |
| AB | 6,012,591 | 01/11/00 | Brandenberg | | | |
| AC | 5,772,771 | 06/30/98 | Li et al. | | | |
| AD | 6,263,829 B1 | 07/24/01 | Schneider et al. | | | |
| AE | 6,486,081 B1 | 11/26/02 | Ishikawa et al. | | | |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION YES NO | |
|--------------|-------------|---------|-------|-----------|-----------------------|----|
| AF | 2001-19989 | Korea | | | | xx |
| AG | 2002-28921 | Korea | | | | xx |
| AH | 2002-27375 | Korea | | | | xx |
| AI | 20-205574 | Korea | | | | xx |
| AJ | 0413239 B1 | EP | | | xx | |
| AK | WO 00/30158 | EP | | | xx | |

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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| AL | |
| AM | |
| AN | |

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| EXAMINER | DATE CONSIDERED |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1572.1212 | APPLICATION NO. TBA |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | FIRST NAMED INVENTOR Kyu-hee HAN, et al. | |
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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|--------------------|----------|-----------|-------|---------------|----------------|
| | BA | 2002/0104622 A1 | 08/08/02 | De | | | |
| | BB | 6,395,643 B1 | 05/28/02 | Knoot | | | |
| | BC | 6,251,187 B1 | 06/26/01 | Li et al. | | | |
| | BD | | | | | | |
| | BE | | | | | | |
| | BF | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION YES NO |
|--|----|-----------------|------|---------|-------|---------------|-----------------------|
| | BG | | | | | | |
| | BH | | | | | | |
| | BI | | | | | | |
| | BJ | | | | | | |
| | BK | | | | | | |
| | BL | | | | | | |

OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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|--|----|--|
| | BM | |
| | BN | |
| | BO | |

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|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

ATTACHMENT 1(e)

| | | |
|--|---|------------------------|
| EXPLANATIONS OF RELEVANCY OF REFERENCES | ATTORNEY DOCKET NO. 1572.1212 | APPLICATION NO. TBA |
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| | FILING DATE March 17, 2004 | GROUP ART UNIT TBA |

Korean Patent First Publication No. 2001-19989 relates to a gas supplying apparatus.

Korean Patent First Publication No. 2002-28921 relates to a gas supplying apparatus.

Korean Patent First Publication No. 2002-27375 relates to a gas supplying apparatus.

Korean Utility Model No. 20-205574 relates to a gas supplying apparatus.